

ABSTRACT



A system and method for cutting material, adaptable for use with existing manufacturing devices, where the system can be adapted to work with existing controllable manufacturing processors, obtain one or more predetermined dimensions during a manufacturing process, and use those dimensions to simultaneously control the manufacturing process while generating a concurrent certification of the predetermined dimensions. In an exemplary embodiment the device comprises a milling line; a stepper motor; a mainframe; a protected real-time sensor; a controller; and a computer in communication with the controller and sensor. It is emphasized that this abstract is provided to comply with the rules requiring an abstract which will allow a searcher or other reader to quickly ascertain the subject matter of the technical disclosure. It is submitted with the understanding that it will not be used to interpret or limit the scope of meaning of the claims.

COMPLETED 02/27/2002